

LAND GRID ARRAY SOCKET WITH REINFORCING PLATE

Abstract

An LGA socket (1) includes a slab like insulative housing (11), a reinforcing plate (12) attached on an exterior surface of the housing, and a clip (14) and a lever (15). The clip and the lever are respectively mounted on two opposite ends of the housing to fasten an LGA package. The lever includes a driver portion (151), a driven portion (152) adjoining the driver portion, and a baffle (124) extending from a side of the reinforcing plate. The baffle prevents the lever from breaking away from the housing. After the LGA package is positioned on the housing, the rigidity of the housing is improved with the reinforcing plate made of rigid material being equipped on the housing. Steady electrical connection between the contacts pads of the LGA package and respective contacts of the housing is ensured.